Dolores Huerta Foundation
Proposed Kern High School District Trustee Boundaries

PRESENTED BY: GERALD CANTU, PHD AND SOPHIA GARCIA
Introductions

Gerald Cantu, PhD - Education Policy Director

- UC Irvine MA and PhD
- UC Berkeley B.A.

Sophia Garcia - GIS Coordinator

- Vice President Central Cal Urban and Regional Information Systems Association (URISA)
- CSUB GIS Certificate Program Graduate
- Wellesley College B.A.
- East Bakersfield High School
Redistricting Best Practices

- Equal Population Among Districts
- Compactness
- Contiguity
- Preserving Local Political Subdivisions
- Preserving Communities of Interest
- Protecting Incumbents
Equal Population Among Districts

- Within a district have a population with approximately the same population (smallest variance).

<table>
<thead>
<tr>
<th></th>
<th>Current</th>
<th>DHF Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>149,402</td>
<td>128,393</td>
</tr>
<tr>
<td>Low</td>
<td>110,020</td>
<td>124,125</td>
</tr>
<tr>
<td>Variance</td>
<td>39,382</td>
<td>4,268</td>
</tr>
<tr>
<td>Percent Variance</td>
<td>31%</td>
<td>3.4%</td>
</tr>
</tbody>
</table>

Note: 2016 population = 635,411 - optimal population per district = 127,082
Compactness

❖ “Compactness refers to a districts’ geographic shape and how its interior is dispersed within its boundaries.”

❖ In other words make districts that are as square or as circular as possible.
Contiguity

❖ “Contiguity simply requires that all parts of a district be physically connected”
Preserving Local Political Subdivisions

❖ “Minimizing the crossing of city, county, town, and other municipal boundaries.”

❖ Examples include incorporated cities, census designated places, school districts and political subdivisions
  ❖ City of Shafter, Arvin, Bakersfield
  ❖ Oildale, Rosedale, Green Acres, Kern Valley, Lamont, Greenfield, Weedpatch and Mettler.
Protecting Communities of Interest

❖ “Communities that have some common thread of relevant interests”

❖ Communities of Interest that we have considered include:
  ❖ High School Attendance Areas
  ❖ Building Healthy Communities (BHC) South Kern
  ❖ Sikh Community
  ❖ Latino Community
  ❖ African American Community
Protecting Incumbents

“Incumbency protection ... [is] an allowable political consideration.”

However it is recognized as a low priority insubordinate to the previous principles.
Current Trustee Districts:

- DO NOT comply with California and Federal Voting Rights Act
- They dilute the Latino Population
- They dilute the Latino Vote
- Have only one effective Latino District (District 2)
Kern High School District
Redistricting
DHF Proposed Districts
April 9, 2018

Current Trustee Areas

Legend
- Current Trustee Areas
- Cities
- Places

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P.O. Box 2087
Bakersfield, CA 93303
www.doloreshuerta.org

"Si Se Puede"

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Using ArcView GIS 10.5
State Plane Coordinate System
California Zone V - NAD 83

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Kern High School District Redistricting
DHF Proposed Districts
April 9, 2018

Current Trustee Areas

Legend
- Current Trustee Areas
- Cities
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Redistricting
DHF Proposed Districts
April 9, 2018

Current Trustee Areas

Legend - High School Attendance Areas

Current Trustee Areas

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DHF Proposed Trustee Areas

Legend
- DHF Proposed Trustee Areas
- Cities
- Places

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April 9, 2018

DHF Proposed Trustee Areas

Legend - Elementary School Districts

DHF Proposed Trustee Areas

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DHF Proposed Trustee Areas

Legend - Elementary School Districts

DHF Proposed Trustee Areas

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DHF Proposed Trustee Areas

Legend
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- BHC - South Kern
- Cities
- Places

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Redistricting
DHF Proposed Districts
April 9, 2018

DHF Proposed Trustee Areas

Legend

- DHF Proposed Trustee Areas
- Sikh Community
- Greenfield

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# Data: Population

## Year 2016

<table>
<thead>
<tr>
<th>CURRENT DISTRICT BOUNDARIES</th>
<th>NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Latino</td>
</tr>
<tr>
<td>Total</td>
<td>635,411</td>
<td>333,399</td>
</tr>
<tr>
<td>1st District</td>
<td>128,147</td>
<td>44,618</td>
</tr>
<tr>
<td>2nd District</td>
<td>115,348</td>
<td>86,174</td>
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<tr>
<td>3rd District</td>
<td>149,402</td>
<td>92,203</td>
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<tr>
<td>4th District</td>
<td>110,020</td>
<td>32,843</td>
</tr>
<tr>
<td>5th District</td>
<td>132,494</td>
<td>77,561</td>
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</table>

## Year 2016

<table>
<thead>
<tr>
<th>PROPOSED DISTRICTS</th>
<th>NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Latino</td>
</tr>
<tr>
<td>Total</td>
<td>635,411</td>
<td>333,399</td>
</tr>
<tr>
<td>1st District</td>
<td>128,393</td>
<td>45,346</td>
</tr>
<tr>
<td>2nd District</td>
<td>127,356</td>
<td>94,566</td>
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<tr>
<td>3rd District</td>
<td>128,079</td>
<td>99,756</td>
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<tr>
<td>4th District</td>
<td>127,458</td>
<td>57,574</td>
</tr>
<tr>
<td>5th District</td>
<td>124,125</td>
<td>36,157</td>
</tr>
</tbody>
</table>

US Census – American Community Survey 2012-2016
## Data: Citizen Voting Age Population (CVAP)

**Table: Current District Boundaries**

<table>
<thead>
<tr>
<th>YEAR 2016</th>
<th>CURRENT DISTRICT BOUNDARIES</th>
<th>NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>359,262</td>
<td>61.2</td>
</tr>
<tr>
<td></td>
<td>1st District</td>
<td>83,461</td>
<td>20,783</td>
</tr>
<tr>
<td></td>
<td>2nd District</td>
<td>60,788</td>
<td>24,314</td>
</tr>
<tr>
<td></td>
<td>3rd District</td>
<td>64,495</td>
<td>31,792</td>
</tr>
<tr>
<td></td>
<td>4th District</td>
<td>82,279</td>
<td>19,560</td>
</tr>
<tr>
<td></td>
<td>5th District</td>
<td>68,239</td>
<td>29,822</td>
</tr>
</tbody>
</table>

**Table: Proposed Districts**

<table>
<thead>
<tr>
<th>YEAR 2015</th>
<th>PROPOSED DISTRICTS</th>
<th>NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>359,262</td>
<td>61.2</td>
</tr>
<tr>
<td></td>
<td>1st District</td>
<td>86,229</td>
<td>21,724</td>
</tr>
<tr>
<td></td>
<td>2nd District</td>
<td>62,635</td>
<td>12,775</td>
</tr>
<tr>
<td></td>
<td>3rd District</td>
<td>52,629</td>
<td>19,434</td>
</tr>
<tr>
<td></td>
<td>4th District</td>
<td>64,305</td>
<td>27,554</td>
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<tr>
<td></td>
<td>5th District</td>
<td>81,395</td>
<td>19,494</td>
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</table>

US Census – American Community Survey 2012-2016
Data: Voter Registration

### Year 2016

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Dem</th>
<th>Rep</th>
<th>Oth</th>
<th>Latino</th>
<th>% Latino Reg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>283,694</td>
<td>102,958</td>
<td>104,014</td>
<td>76,722</td>
<td>99,467</td>
<td>35.1</td>
</tr>
<tr>
<td>1st District</td>
<td>66,317</td>
<td>16,551</td>
<td>33,028</td>
<td>16,737</td>
<td>15,023</td>
<td>22.7</td>
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<tr>
<td>2nd District</td>
<td>44,509</td>
<td>25,023</td>
<td>7,906</td>
<td>11,580</td>
<td>24,852</td>
<td>55.8</td>
</tr>
<tr>
<td>3rd District</td>
<td>58,113</td>
<td>22,046</td>
<td>19,526</td>
<td>16,541</td>
<td>24,773</td>
<td>42.6</td>
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<tr>
<td>4th District</td>
<td>57,725</td>
<td>15,882</td>
<td>25,985</td>
<td>15,858</td>
<td>12,056</td>
<td>20.9</td>
</tr>
<tr>
<td>5th District</td>
<td>57,031</td>
<td>23,455</td>
<td>17,570</td>
<td>16,005</td>
<td>22,761</td>
<td>39.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th>Rep</th>
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<td>283,694</td>
<td>102,958</td>
<td>104,014</td>
<td>76,722</td>
<td>99,467</td>
<td>35.1</td>
</tr>
<tr>
<td>1st District</td>
<td>62,298</td>
<td>17,327</td>
<td>28,116</td>
<td>16,855</td>
<td>14,654</td>
<td>23.5</td>
</tr>
<tr>
<td>2nd District</td>
<td>49,461</td>
<td>27,189</td>
<td>8,741</td>
<td>13,531</td>
<td>27,410</td>
<td>55.4</td>
</tr>
<tr>
<td>3rd District</td>
<td>40,705</td>
<td>21,427</td>
<td>8,023</td>
<td>11,255</td>
<td>24,151</td>
<td>59.3</td>
</tr>
<tr>
<td>4th District</td>
<td>62,030</td>
<td>21,282</td>
<td>22,574</td>
<td>18,174</td>
<td>19,549</td>
<td>31.5</td>
</tr>
<tr>
<td>5th District</td>
<td>69,199</td>
<td>15,733</td>
<td>36,560</td>
<td>10,907</td>
<td>13,702</td>
<td>19.8</td>
</tr>
</tbody>
</table>

California Statewide Redistricting Database
Data: Voter Turnout

### California Statewide Redistricting Database

#### Year 2016

<table>
<thead>
<tr>
<th>Year 2016</th>
<th>CURRENT: VOTING</th>
<th>PROPOSED: VOTING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Dem</td>
</tr>
<tr>
<td>Total</td>
<td>186,635</td>
<td>64,334</td>
</tr>
<tr>
<td>1st District</td>
<td>49,492</td>
<td>12,029</td>
</tr>
<tr>
<td>2nd District</td>
<td>21,980</td>
<td>12,427</td>
</tr>
<tr>
<td>3rd District</td>
<td>38,792</td>
<td>14,450</td>
</tr>
<tr>
<td>4th District</td>
<td>40,764</td>
<td>11,031</td>
</tr>
<tr>
<td>5th District</td>
<td>35,606</td>
<td>14,398</td>
</tr>
</tbody>
</table>
Latino Population Trends 1990-2016

- Latino Population has continued to grow
- Growth has been from central east Bakersfield south and west
Kern County - Bakersfield
Percent Latino of Total Population

Maps: 2010
- Latino Growth
- DHF Proposed

Pct Latino 2010
- Under 25 Pct
  - 25-34
  - 35-49
  - 50-64
  - 65 Pct Plus

Source: DHF, 2009, with data from various sources.

Donor Records Foundation
P.O. Box 472
Bakersfield, CA 93302
Phone: 661.322.2093

http://kernfresno.org/dhf.html

no feedback
Kern County - Bakersfield
Percent Latino of Total Population

Maps: 2014
- Latino Growth
- DHF Proposed

Pct Latino 2014
- Under 25 Pct
- 25-34
- 35-49
- 50-64
- 65 Pct Plus
Kern County - Bakersfield
Percent Latino of Total Population

Pct Latino 2016
- Under 25 Pct
- 25-34
- 35-49
- 50-64
- 65 Pct Plus
DHF Proposed Maps

- Follow recognized best practices for redistricting
  - Equal population among districts
  - Compactness
  - Contiguity
  - Political Subdivisions
  - Communities of Interest
  - Consideration for Protecting Incumbents
- Have two effective Latino majority districts
- Comply with the California and Federal Voting Rights Act
Kern High School District
Redistricting
DHF Proposed Districts
April 9, 2018

DHF Proposed Trustee Areas

Legend
1
2
3
4
5

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Citation

- Redistricting Best Practices
  - [http://www.redistrictingonline.org/redistrictingprinciplesp2.html](http://www.redistrictingonline.org/redistrictingprinciplesp2.html)
- Census Bureau: Decennial Census
- Census Bureau: American Community Survey
- California Statewide Data Base
Contact Information

- Gerald Cantu PhD – Education Policy Director
  - gcantu@doloreshuerta.org
  - 661-249-0219

- Sophia Garcia – GIS Coordinator
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  - 661-322-3033 ext 209
Kern High School District
Redistricting
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April 9, 2018

Legend

- DHF Trustee Areas

Percent Latino Population 2016

- Under 25 Pct
- 25-34
- 35-49
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DHF Proposed Trustee Areas

Legend

- DHF Proposed Trustee Areas
- Cities
- Places
- Greenfield Expanded
- Sikh Community

△ Trustee 2018

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